

CLAIMS:

1. An irradiation device (1), comprising:
 - a base part (2),
 - a support (3), longitudinally extending from the base part (2) and enclosing an angle (α) with vertical axis V, and
 - 5 - a housing (4) comprising a central axis (5), at least one radiation unit (6), and a radiation emission plane (7), said housing (4) being pivotally connected to said support via a pivot axis (8),
 - said housing (4) being pivotable between an operational position (A), in which the radiation emission plane (7) is horizontal (X), and a rest position (B), in which the
 - 10 radiation emission plane (7) is vertical (Y), and the central axis (5) of the housing (4) encloses the angle (α) with the vertical axis (V),
 - characterized in that the pivot axis (8) extends from the support so as to enclose an angle ($\alpha/2$) with the horizontal plane (X) and with the vertical plane (Y).
- 15 2. An irradiation device as claimed in Claim 1, characterized in that a blocking system (10) is provided for releasably blocking the housing (4) in its operational position (A) and in its rest position (B) relative to the support (3).
3. An irradiation device as claimed in Claim 2, characterized in that the blocking
- 20 system (10) comprises:
 - a cylindrical blocking element (11) with protrusions (12) which is provided coaxially with the pivot shaft (8) near an end of the pivot shaft (8) in the vicinity of its connection to the support (3),
 - a chamber (13) provided in the housing (4) for receiving said blocking element
 - 25 (11), comprising notches (22) for co-operation with said protrusions (12).
4. An irradiation device as claimed in Claim 1, characterized in that a connection system (30) is provided for connecting the pivot axis (8) to the support, which system comprises:

- a fastening element (31) for receiving the shaft (8), which is attachable to the support (3),
- a clamp element (32) for clamping the shaft (8) in said fastening element (31).

- 5 5. An irradiation device as claimed in any of the preceding Claims, characterized in that the device (1) comprises a suntanning device.